

REMARKS

Applicants thank the Examiner for the thorough consideration given the present application. Claims 1-4 and 6-15 are currently being prosecuted. The Examiner is respectfully requested to reconsider his rejection in view of the amendments and remarks as set forth below.

Entry of Amendment

Applicants request that the present Amendment After Final Rejection be entered and given full consideration. Applicants have only added a single phrase to the independent claims which has already been discussed and suggested by the Examiner. Accordingly, no new issues are involved since they have already been considered. Accordingly, entry of the Amendment is respectfully requested.

Telephone Interview

Applicants note with appreciation the telephone interview with Examiner Hsu on June 27, 2007. During the interview, a potential change to the claim language was discussed. The Examiner indicated that this language would not make the claims allowable. However, the Examiner felt that language such as "memory cells within the same row" would be more likely to make the claims allowable. By way of the present Amendment, Applicants have amended claims 1, 10 and 13 to add a similar phrase to the claims. Accordingly, Applicants submit that the claims are now allowable.

Rejection Under 35 USC 103

Claims 1-4 and 6-15 stand rejected under 35 USC 103 as being obvious over McGuinness (US Patent 6,104,416) in view of Vinekar (US Patent 5,581,310). This rejection is respectfully traversed.

The Examiner states that McGuinness shows a method of storing an array of digital data in a memory having a plurality of memory pages, at least one memory page which is addressed by a row address, the method including the steps of dividing the array into a plurality of block units, the block units having a plurality of odd rows and even rows, each of the odd and even

rows having at least one byte, storing subsequent odd rows into consecutive storage locations in the first memory section and storing subsequent even rows in the consecutive storage locations in the second memory section. The Examiner admits that McGuinness does not teach at least one memory page have a first memory section and the second memory section. The Examiner relies on Vinekar to teach that each bank contains an odd buffer page section and even buffer page section. The odd and even sections are on the same page. The Examiner feels that it would have been obvious to modify the device of McGuinness so that at least one memory page has a first and second memory section as suggested by Vinekar.

Applicants have now amended the independent claims to state that the memory page has at least a plurality of memory cells within a same row. Applicants submit that neither McGuinness nor Vinekar teach this limitation. Vinekar teaches that the memory has memory cells that are physically arranged within different rows. Accordingly, the teachings of Vinekar do not specifically teach this feature. Accordingly, Applicants believe that this feature of each of the independent claims is not taught by this combination of references. Accordingly, Applicants submit that claims 1, 10 and 13 are allowable.

Claims 2-4, 6-9, 11, 12, 14 and 15 depend from these allowable independent claims and as such are also considered to be allowable. In addition, each of these claims recite other features that make them additionally allowable.

Conclusion

In view of the above remarks, it is believed that the claims clearly distinguish over the patents relied on by the Examiner, either alone or in combination. In view of this, reconsideration of the rejections and allowance of all the claims are respectfully requested.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Robert F. Gnuse Reg. No. 27,295 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

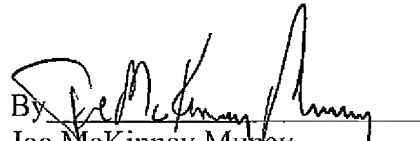
Application No. 10/773,266
Amendment dated July 2, 2007
After Final Office Action of May 3, 2007

Docket No.: 3722-0176P

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

Dated: July 2, 2007

Respectfully submitted,

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